

**ABSTRACT OF THE DISCLOSURE****METHOD AND APPARATUS FOR MANAGING PROCESSORS IN A MULTI-  
PROCESSOR DATA PROCESSING SYSTEM**

5

A method, apparatus, and computer instructions for managing processors in a data processing system.

10 Monitoring is performed for a failed processor in the processors. Responsive to detecting a failed processor, a spare processor from the set of spare processors is identified. The set of spare processors are located on different modules and wherein the spare processor is  
15 identified as minimizing degradation in processing performance.